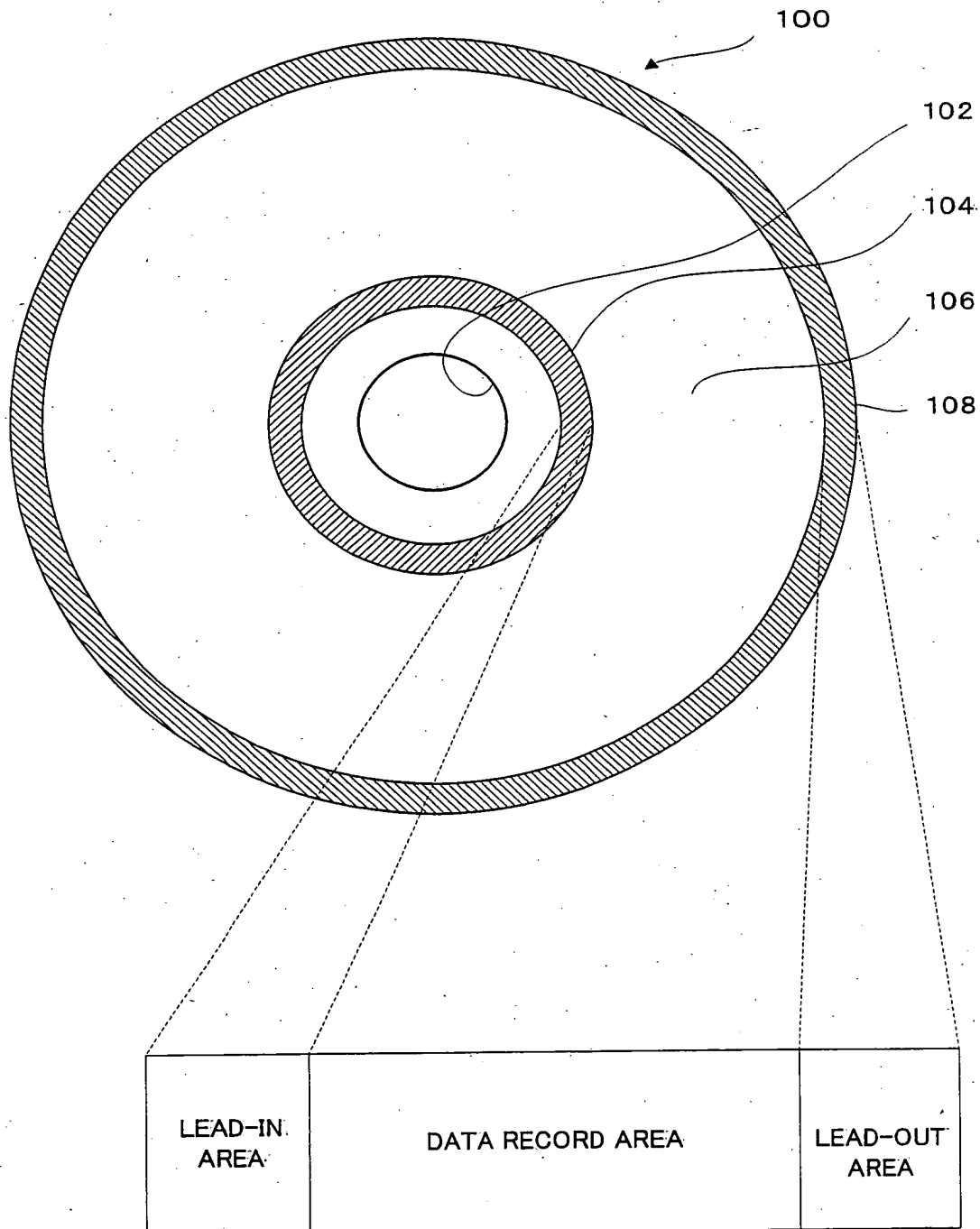


TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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FIG. 1



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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FIG. 2(a)

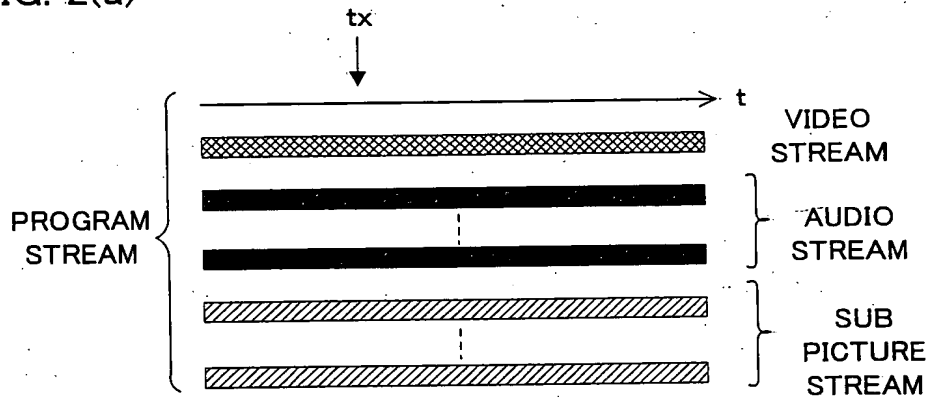
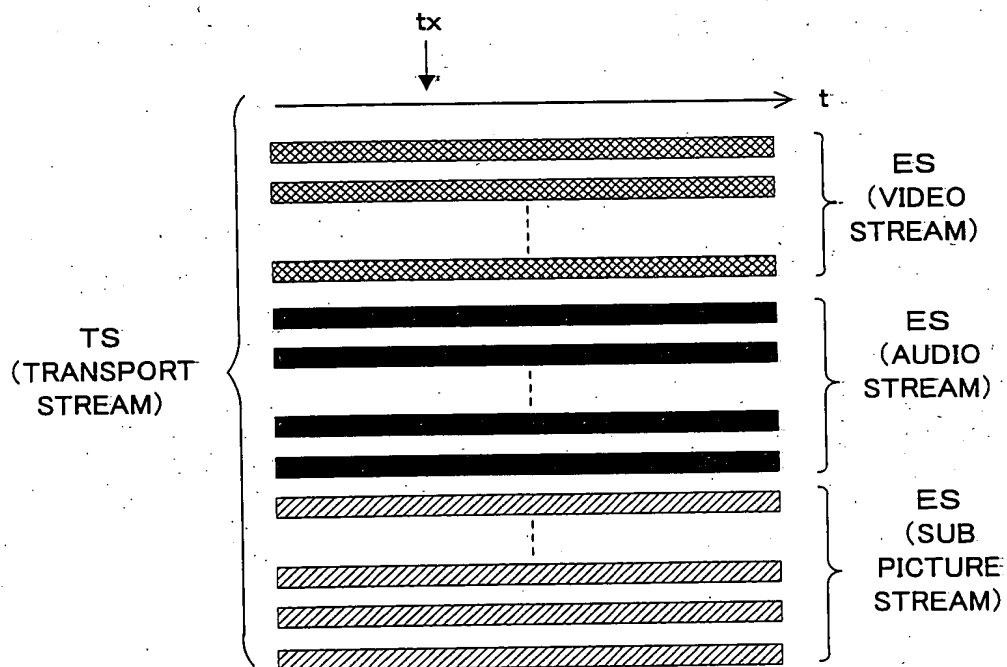


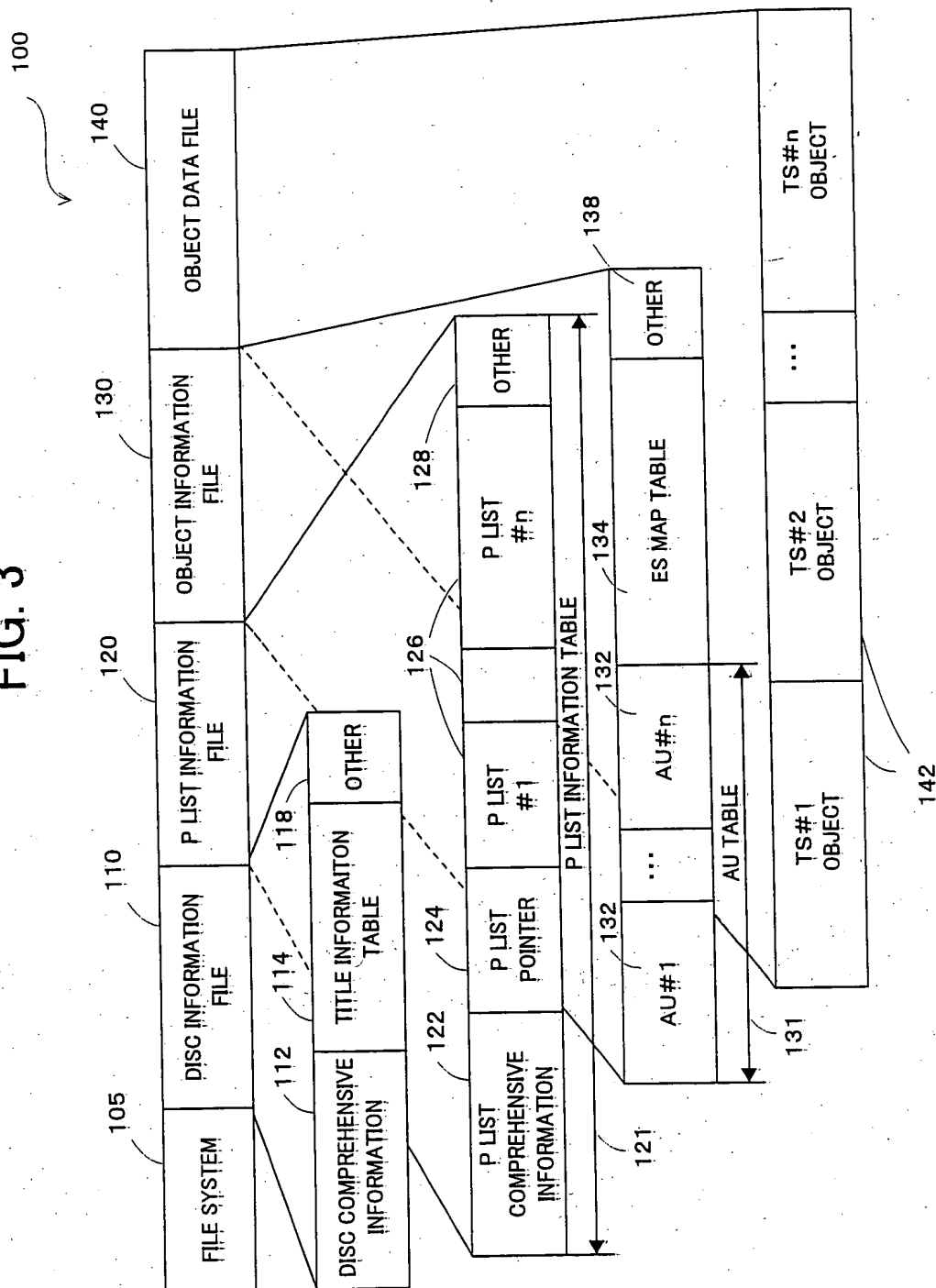
FIG. 2(b)



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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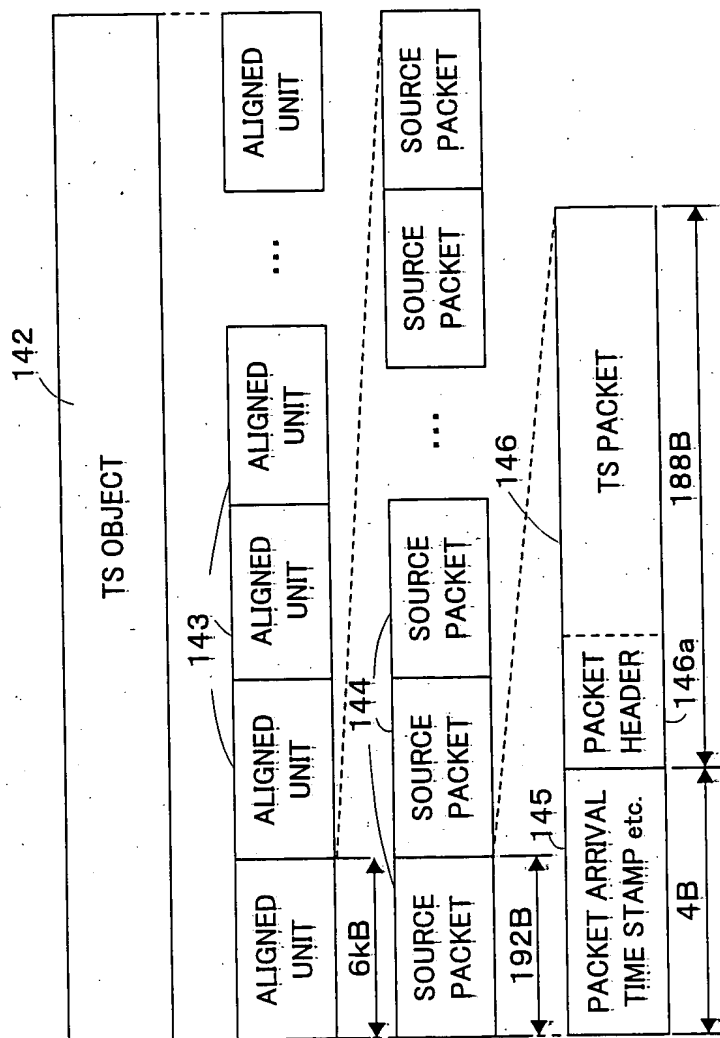
FIG. 3



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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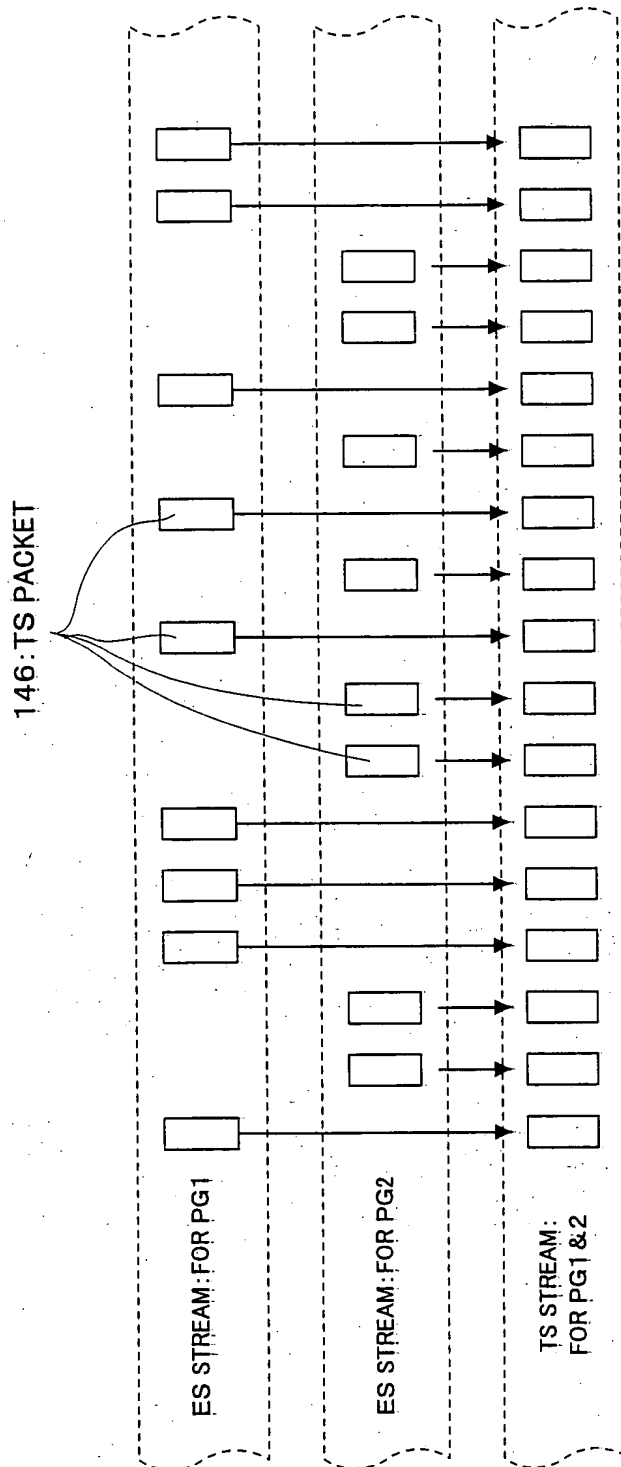
FIG. 4



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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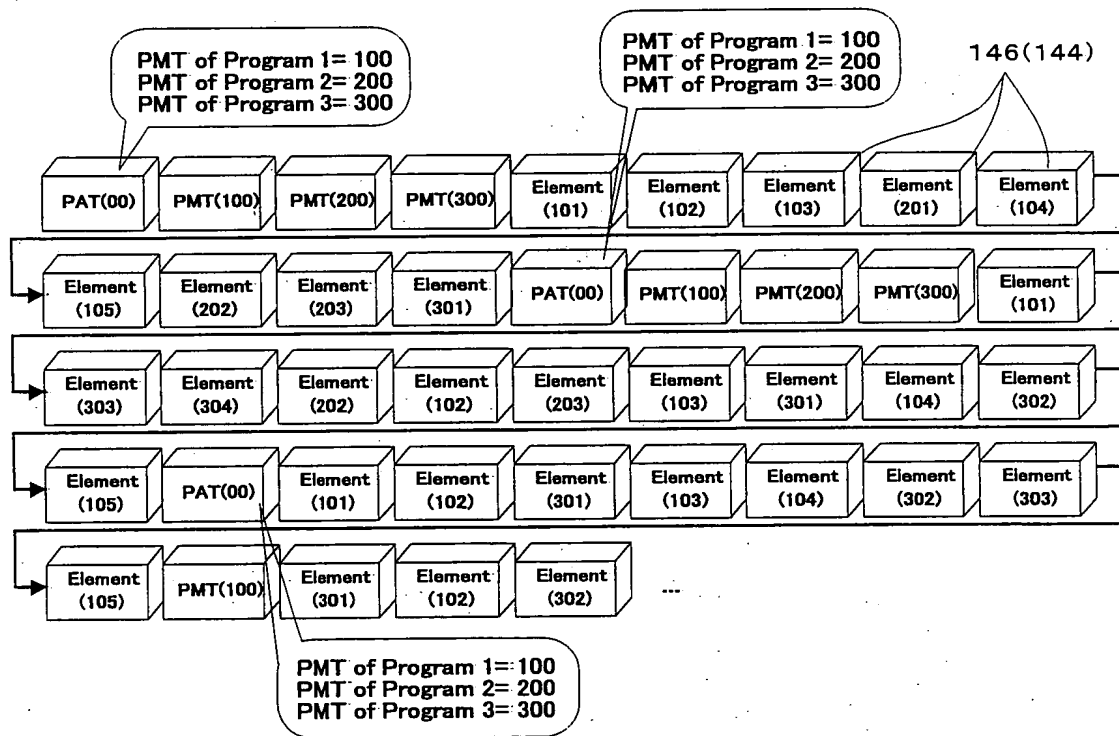
FIG. 5



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION  
REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD,  
RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

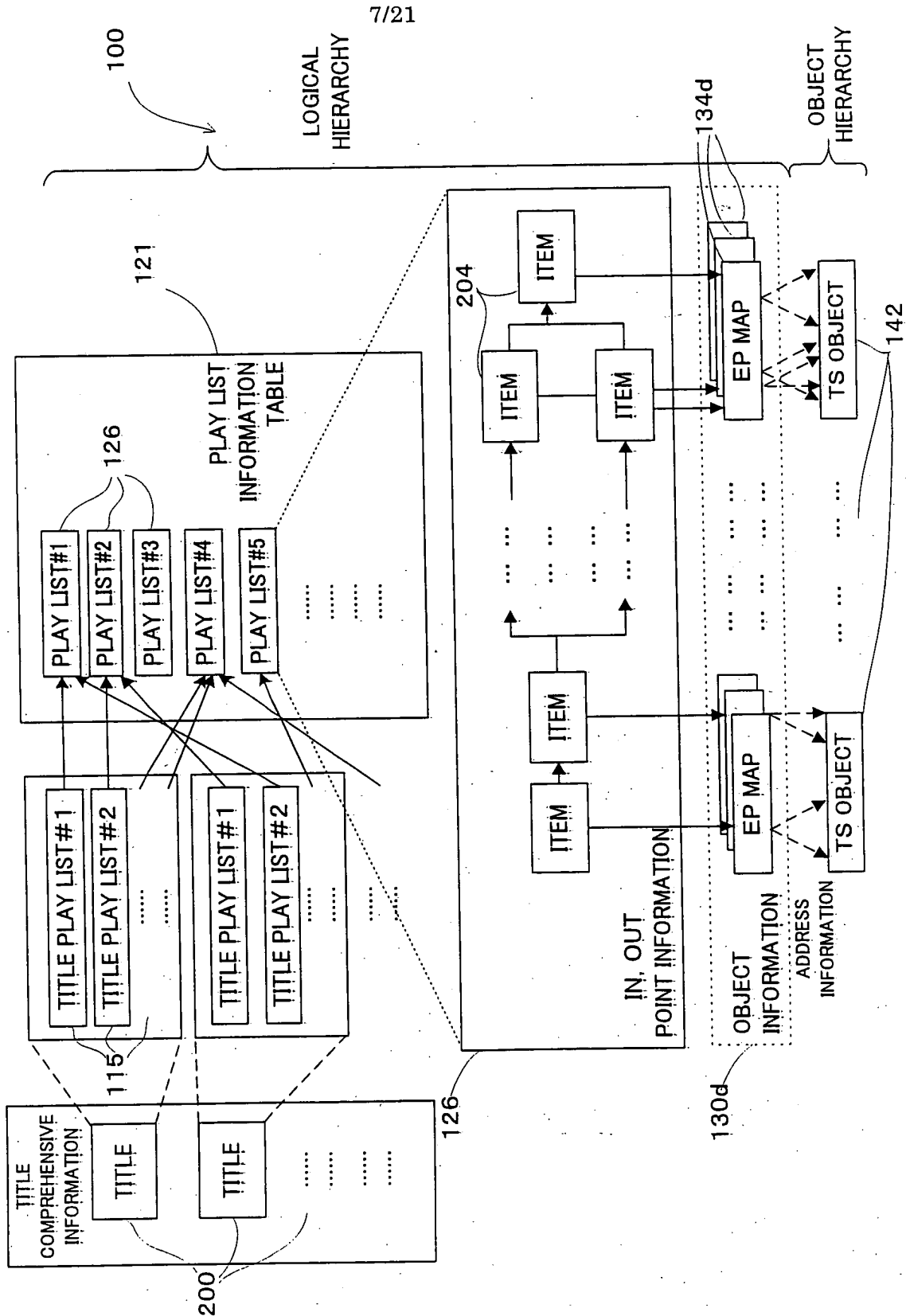
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FIG. 6



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

FIG. 7



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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FIG. 8(a)

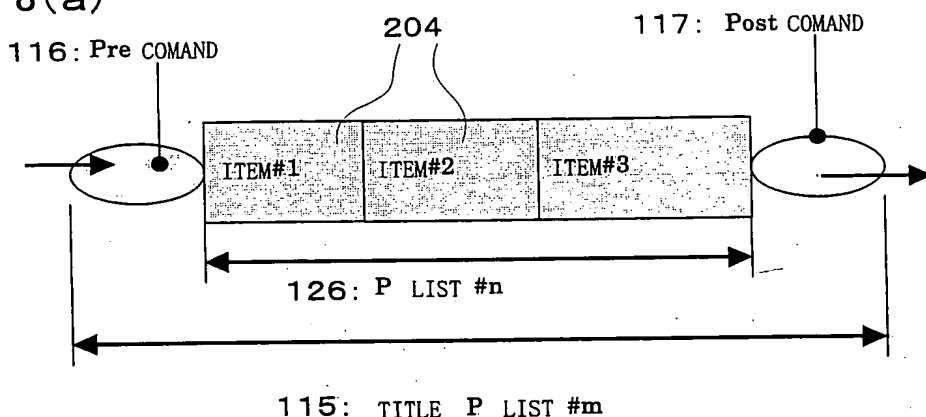


FIG. 8(b)

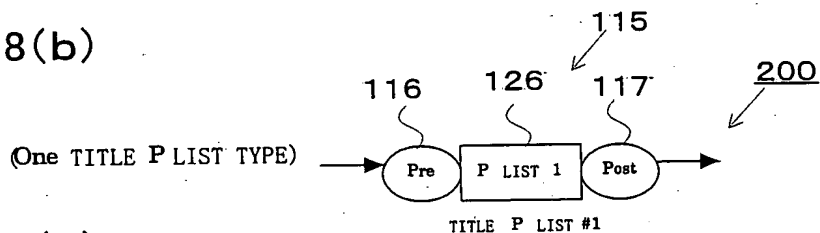


FIG. 8(c)

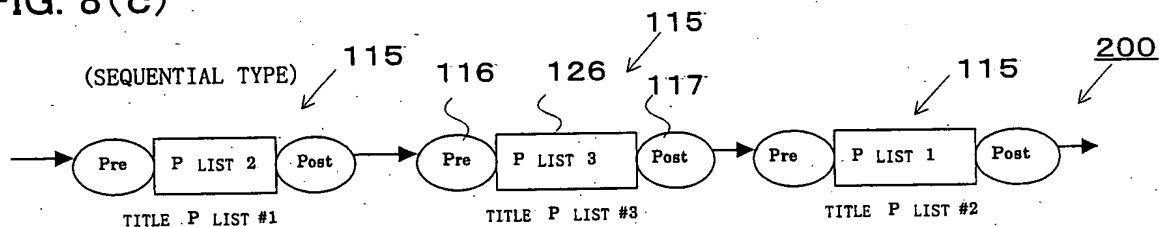
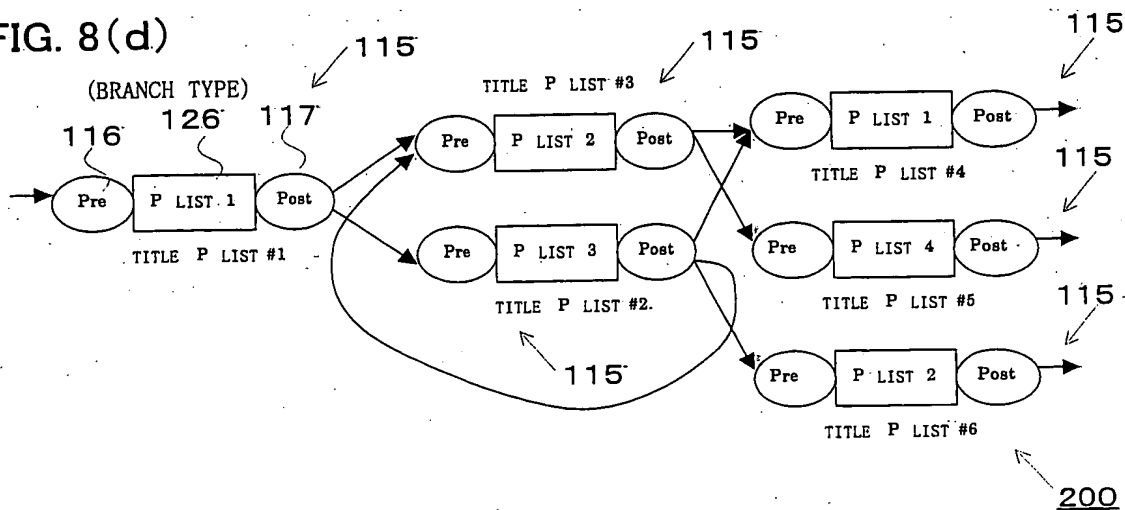


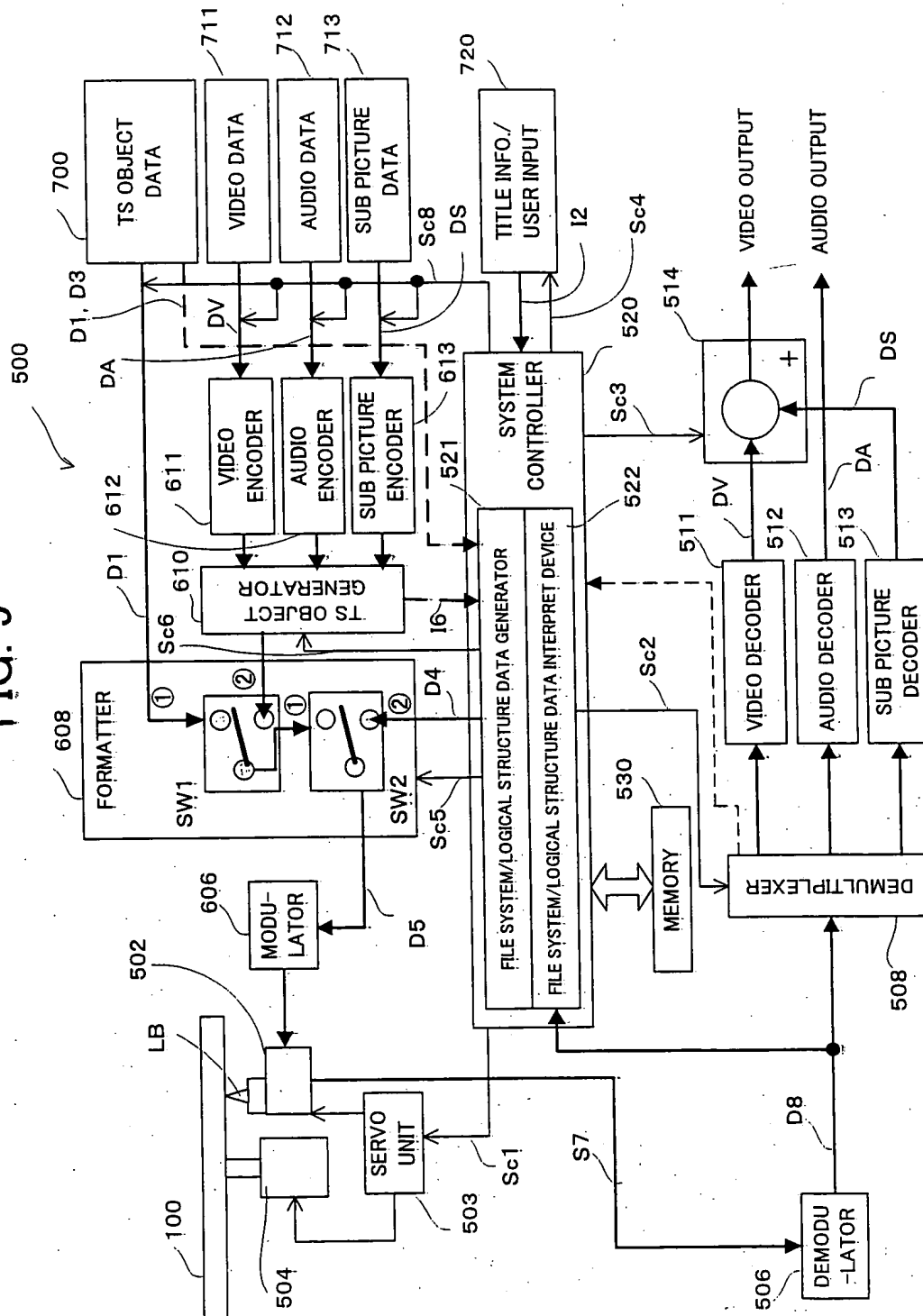
FIG. 8(d)





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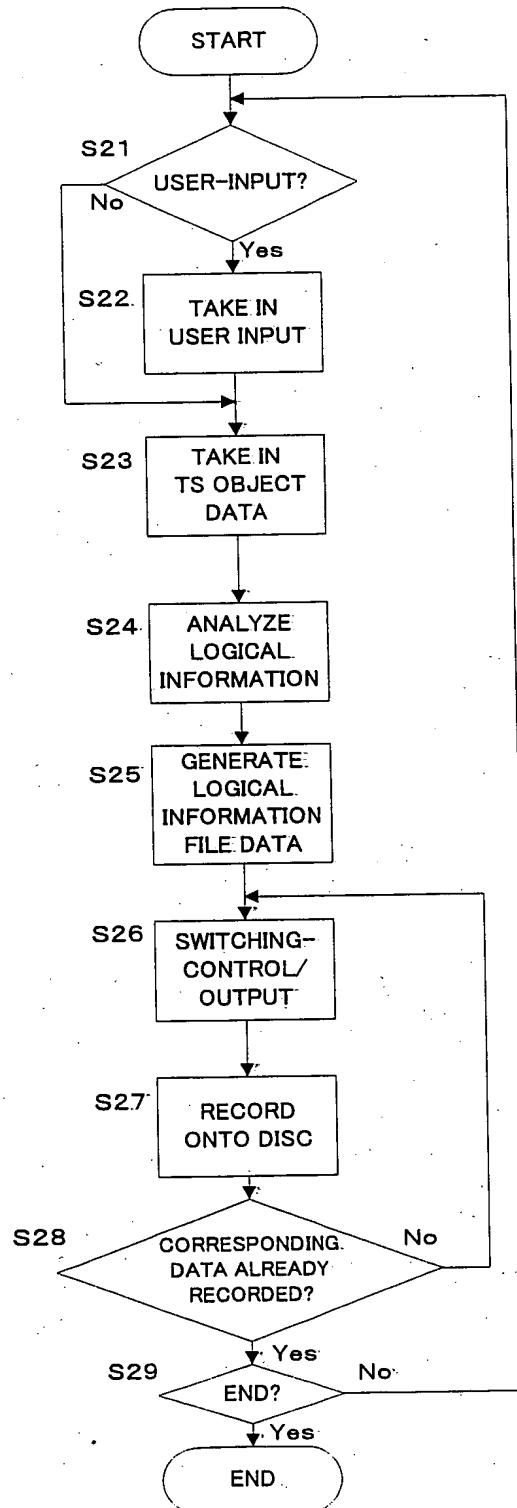
FIG. 9



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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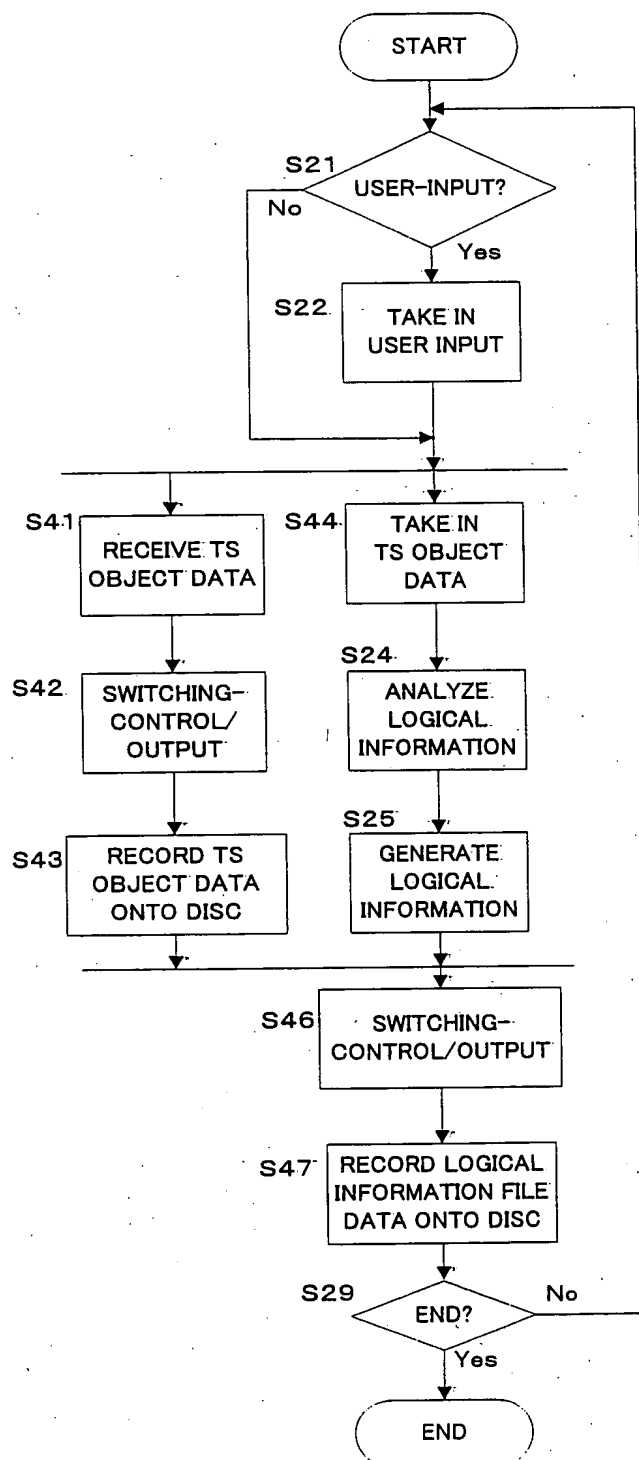
FIG. 10



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

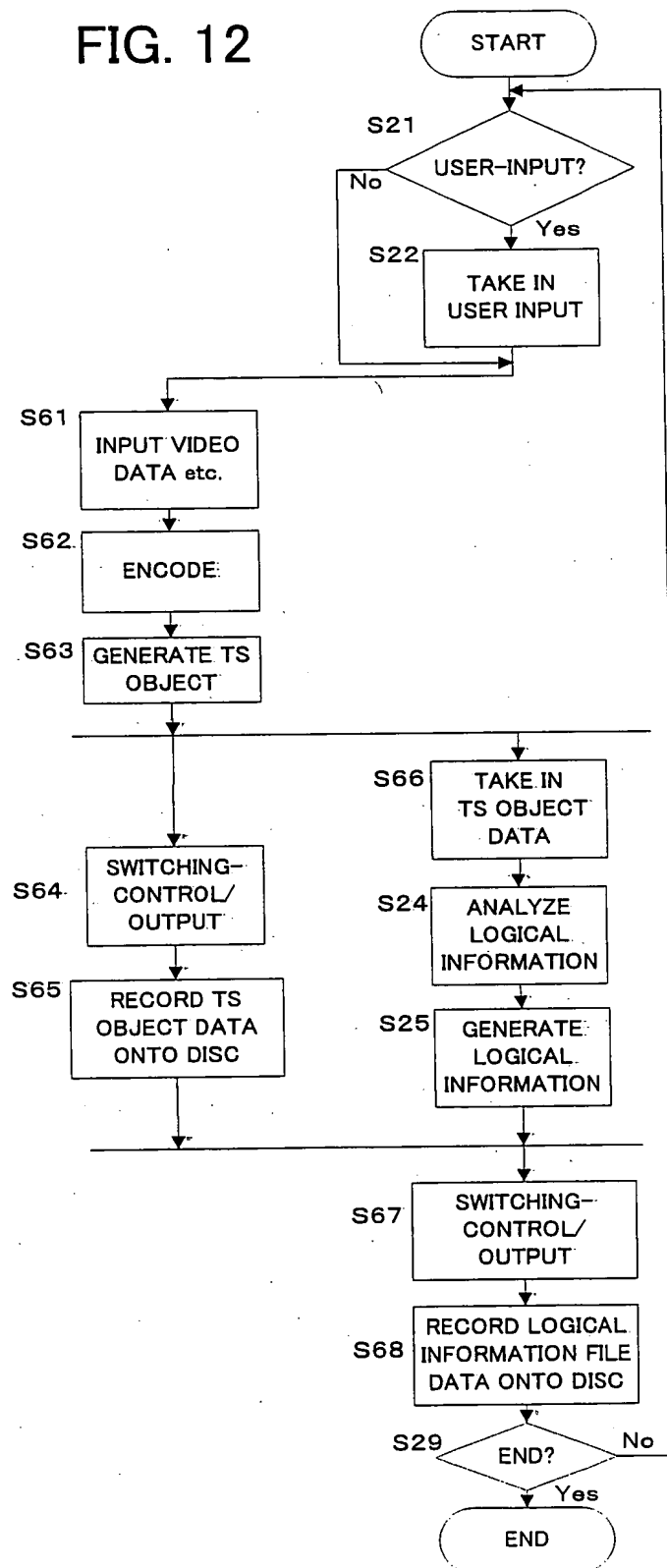
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FIG. 11



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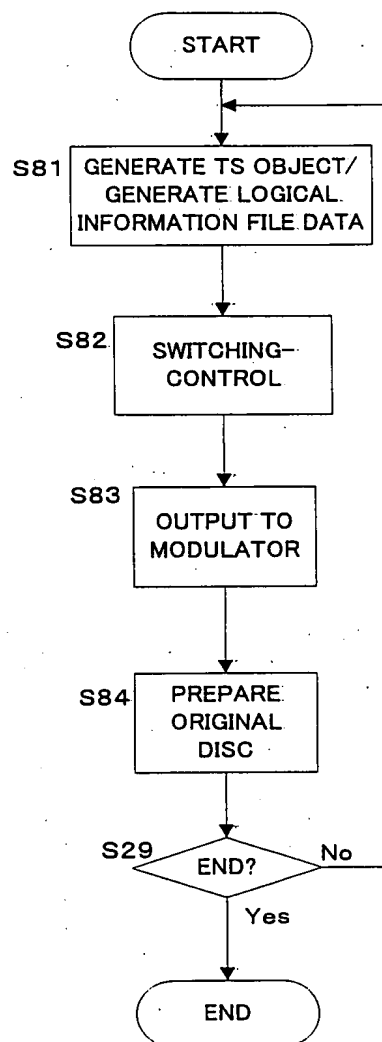
FIG. 12



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION  
REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD,  
RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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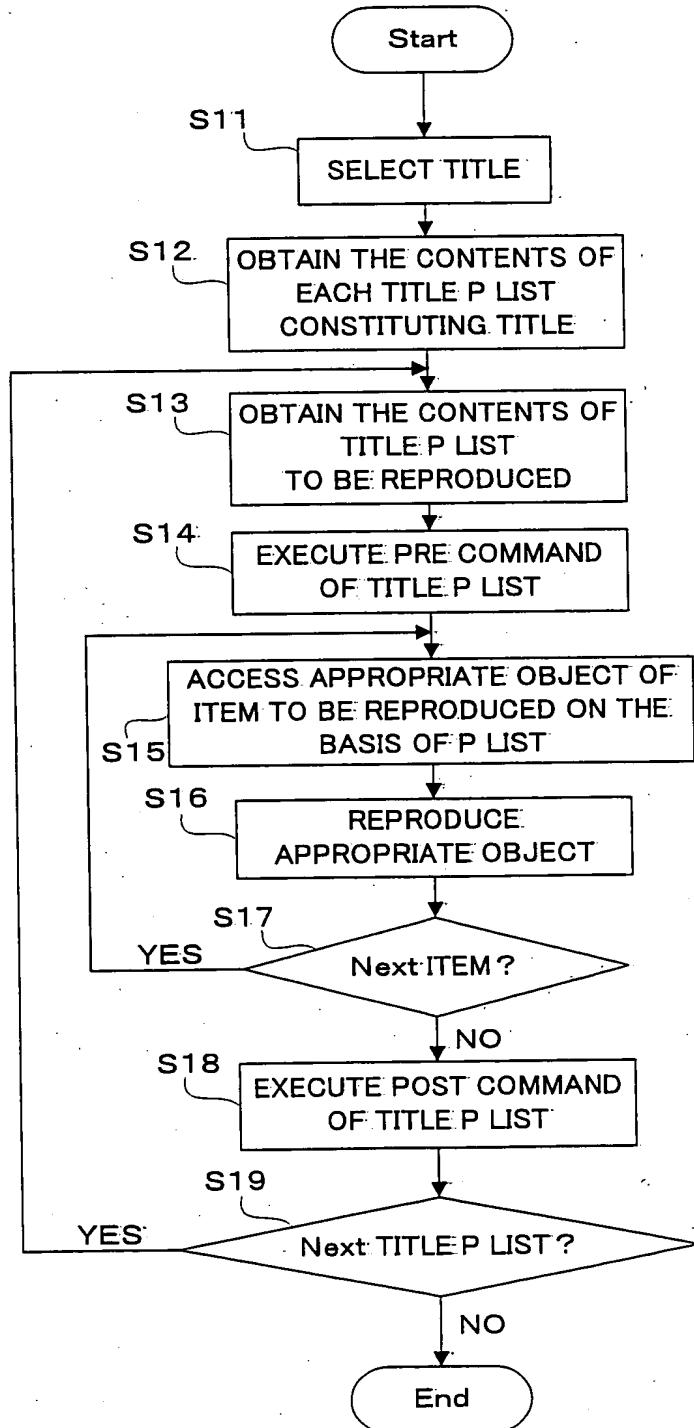
FIG. 13



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

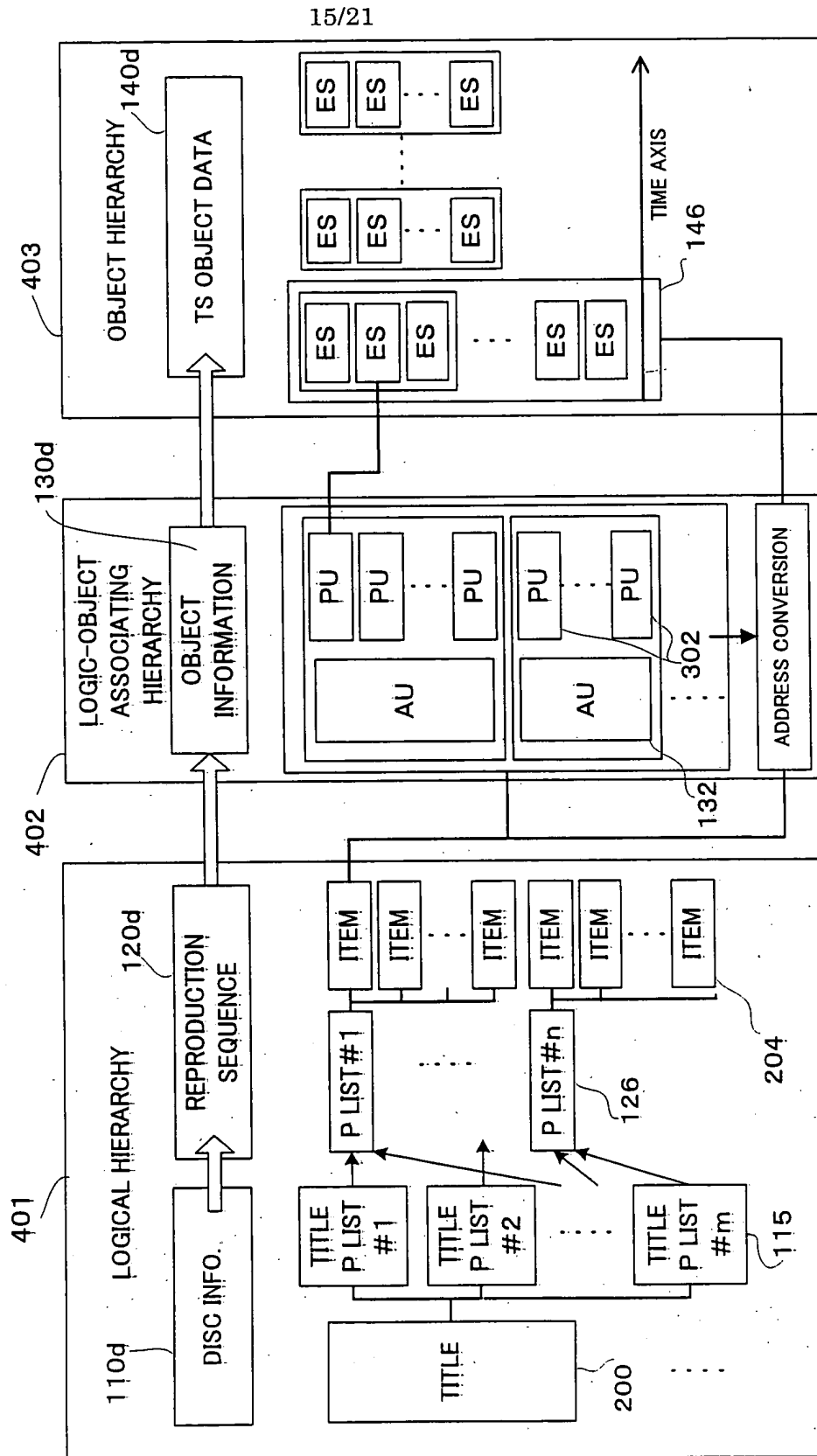
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FIG. 14



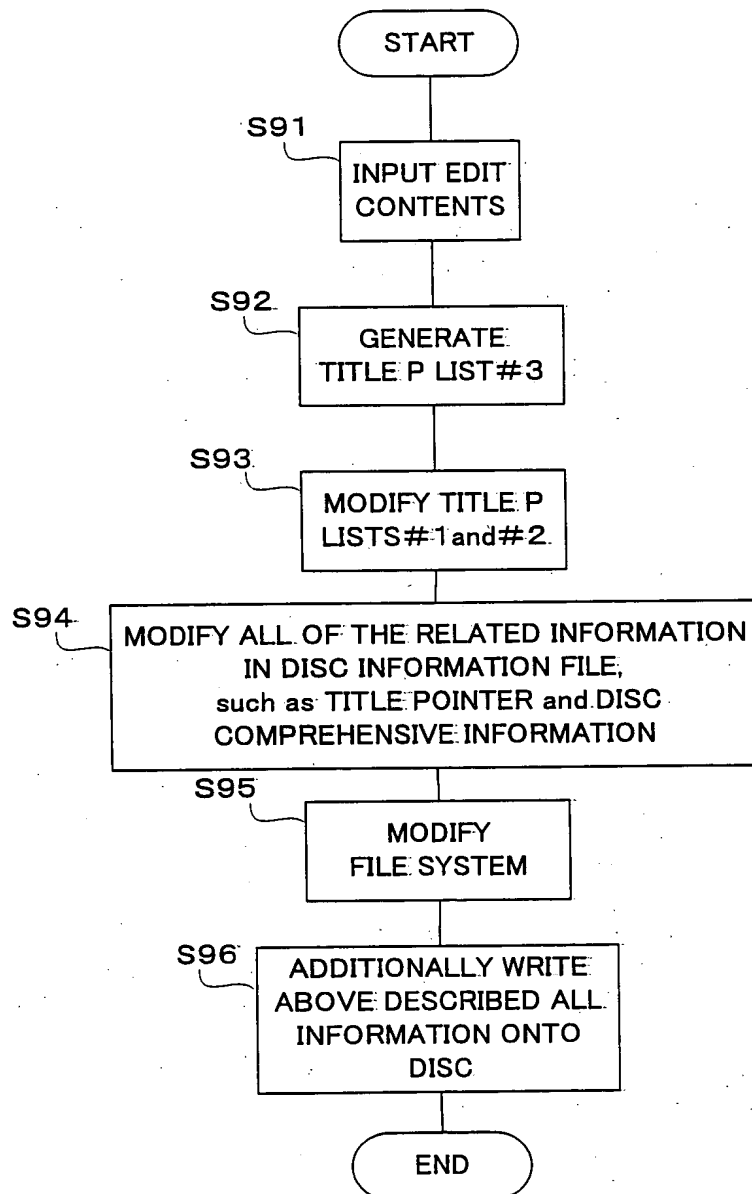
TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

FIG. 15



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FIG. 16

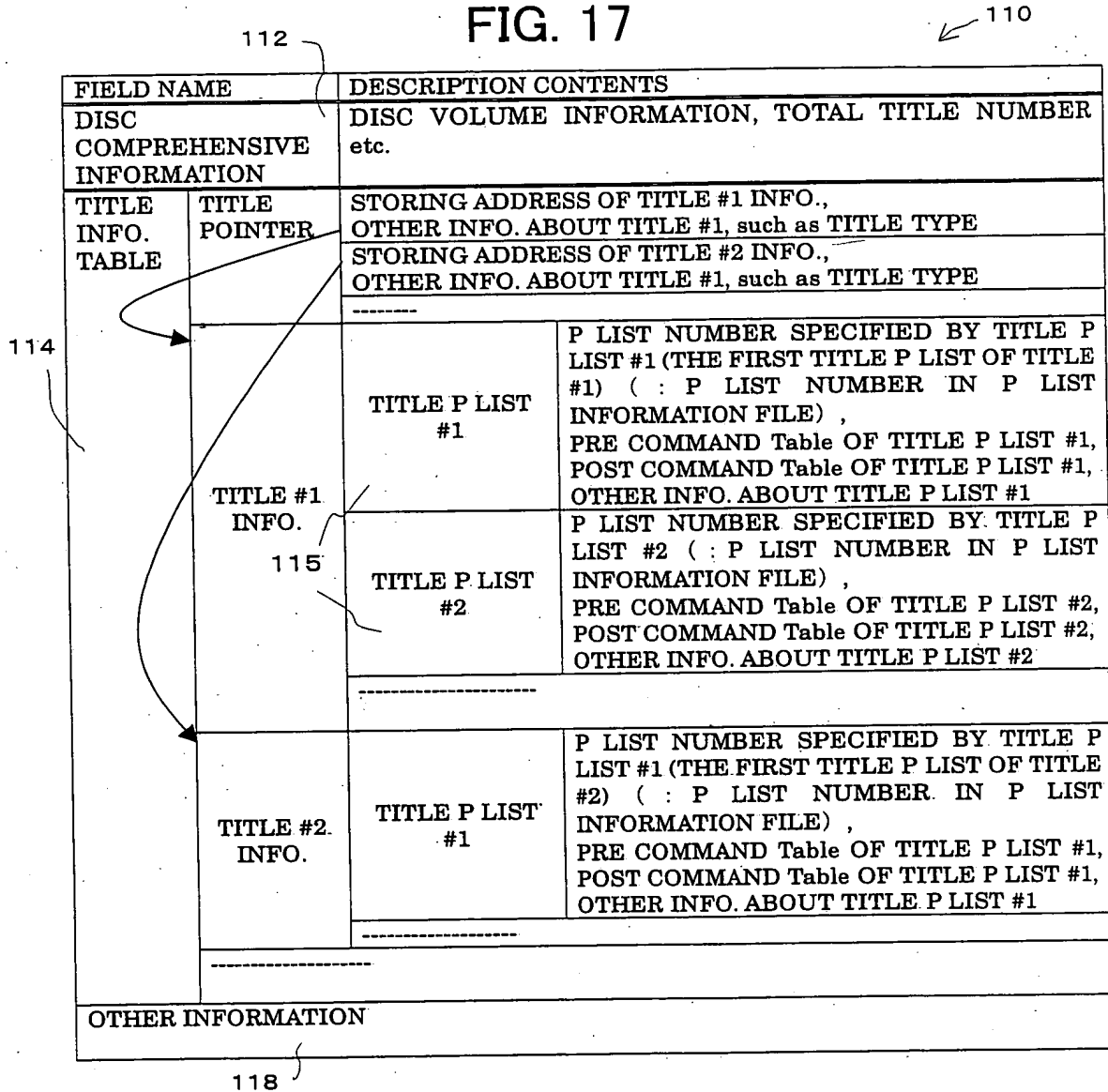




TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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FIG. 17



TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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FIG. 18

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110'

| FIELD NAME                     |                           | DESCRIPTION CONTENTS  |   |
|--------------------------------|---------------------------|---|---|
| DISC COMPREHENSIVE INFORMATION |                           | DISC VOLUME INFORMATION (THE CONTENT THEREOF IS OMITTED),<br>THE TOTAL NUMBER OF TITLES =3, OTHER INFORMATION                             |   |
| TITLE INFO.<br>table           | TITLE POINTER             | STORING ADDRESS OF TITLE #1 INFO.,<br>TITLE TYPE=One TITLE P LIST TYPE,<br>THE TOTAL NUMBER OF P LIST INFO.=1, OTHER INFO. ABOUT TITLE #1 |   |
|                                |                           | STORING ADDRESS OF TITLE #2 INFO.,<br>TITLE TYPE=SEQUENTIAL TYPE,<br>THE TOTAL NUMBER OF P LIST INFO.=3, OTHER INFO. ABOUT TITLE #2       |   |
|                                |                           | STORING ADDRESS OF TITLE #3 INFO.,<br>TITLE TYPE=BRANCH TYPE,<br>THE TOTAL NUMBER OF P LIST INFO.=6, OTHER INFO. ABOUT TITLE #3           |   |
|                                | TITLE #1 INFO.            | TITLE P LIST #1   | P LIST NUMBER SPECIFIED BY TITLE P LIST #1=1,<br>Pre COMMAND TABLE OF TITLE P LIST #1,<br>Post COMMAND TABLE OF TITLE P LIST #1<br>OTHER INFO. ABOUT TITLE P LIST #1  |
|                                | TITLE #2 INFO.<br><br>115 | TITLE P LIST #1   | P LIST NUMBER SPECIFIED BY TITLE P LIST #1=2,<br>Pre COMMAND TABLE OF TITLE P LIST #1,<br>Post COMMAND TABLE OF TITLE P LIST #1<br>OTHER INFO. ABOUT TITLE P LIST #1  |
|                                |                           | TITLE P LIST #2   | P LIST NUMBER SPECIFIED BY TITLE P LIST #2=1,<br>Pre COMMAND TABLE OF TITLE P LIST #2,<br>Post COMMAND TABLE OF TITLE P LIST #2<br>OTHER INFO. ABOUT TITLE P LIST #2  |
|                                |                           | TITLE P LIST #3   | P LIST NUMBER SPECIFIED BY TITLE P LIST #3=3,<br>Pre COMMAND TABLE OF TITLE P LIST #3,<br>Post COMMAND TABLE OF TITLE P LIST #3<br>OTHER INFO. ABOUT TITLE P LIST #3  |
|                                | TITLE #3 INFO.            | TITLE P LIST #1   | P LIST NUMBER SPECIFIED BY TITLE P LIST #1=1,<br>Pre COMMAND TABLE OF TITLE P LIST #1,<br>Post COMMAND TABLE OF TITLE P LIST #1<br>OTHER INFO. ABOUT TITLE P LIST #1  |
|                                |                           | TITLE P LIST #2   | P LIST NUMBER SPECIFIED BY TITLE P LIST #2=3,<br>Pre COMMAND TABLE OF TITLE P LIST #2,<br>Post COMMAND TABLE OF TITLE P LIST #2.<br>OTHER INFO. ABOUT TITLE P LIST #2 |
|                                |                           | TITLE P LIST #3   | P LIST NUMBER SPECIFIED BY TITLE P LIST #3=2,<br>Pre COMMAND TABLE OF TITLE P LIST #3,<br>POST COMMAND TABLE OF TITLE P LIST #3<br>OTHER INFO. ABOUT TITLE P LIST #3  |
|                                |                           | TITLE P LIST #4   | P LIST NUMBER SPECIFIED BY TITLE P LIST #4=1,<br>Pre COMMAND TABLE OF TITLE P LIST #4,<br>Post COMMAND TABLE OF TITLE P LIST #4<br>OTHER INFO. ABOUT TITLE P LIST #4  |
|                                |                           | TITLE P LIST #5   | P LIST NUMBER SPECIFIED BY TITLE P LIST #5=4,<br>Pre COMMAND TABLE OF TITLE P LIST #5,<br>Post COMMAND TABLE OF TITLE P LIST #5<br>OTHER INFO. ABOUT TITLE P LIST #5  |
|                                |                           | TITLE P LIST #6   | P LIST NUMBER SPECIFIED BY TITLE P LIST #6=2,<br>Pre COMMAND TABLE OF TITLE P LIST #6,<br>Post COMMAND TABLE OF TITLE P LIST #6<br>OTHER INFO. ABOUT TITLE P LIST #6  |
|                                | OTHER INFORMATION         |   |   |

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TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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FIG. 19

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| FIELD NAME                 | DESCRIPTION CONTENTS                 | REMARKS                              |
|----------------------------|--------------------------------------|--------------------------------------|
| 115P<br>COMMAND POINTER    | Pre COMMAND Table<br>START ADDRESS   | RELATIVE<br>ADDRESS                  |
|                            | THE TOTAL Pre COMMAND<br>NUMBER      |                                      |
|                            | Post COMMAND Table<br>START ADDRESS  | RELATIVE<br>ADDRESS                  |
|                            | THE TOTAL Post COMMAND<br>NUMBER     |                                      |
|                            | OTHER INFORMATION                    |                                      |
| 116T<br>Pre COMMAND Table  | Pre COMMAND #1<br>(COMMAND CONTENTS) | STATEMENTS<br>ARE WRITTEN<br><br>116 |
|                            | Pre COMMAND #2                       |                                      |
|                            | -----                                |                                      |
| 117T<br>Post COMMAND Table | Post COMMAND #1                      | 117                                  |
|                            | Post COMMAND #2                      |                                      |
|                            | -----                                |                                      |

TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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122 121 **FIG. 20** 124

| FIELD NAME                  |                                     |               | DESCRIPTION CONTENTS  |
|-----------------------------|-------------------------------------|---------------|---|
| P LIST COMPREHENSIVE INFO.  |                                     |               | P LIST SIZE , THE TOTAL NUMBER OF P LISTS =4, OTHER INFO.           |
| P LIST POINTER table        | P LIST #1 POINTER                   |               | STORING ADDRESS OF P LIST #1 INFO.                                  |
|                             | P LIST #2 POINTER                   |               | STORING ADDRESS OF P LIST #2 INFO.                                  |
|                             | P LIST #3 POINTER                   |               | STORING ADDRESS OF P LIST #3 INFO.                                  |
|                             | P LIST #4 POINTER                   |               | STORING ADDRESS OF P LIST #4 INFO.                                  |
| P LIST #1 INFORMATION table | P LIST #1 COMPREHENSIVE INFORMATION |               | THE TOTAL NUMBER OF CONSTITUENT ITEMS=3, OTHER INFORMATION          |
|                             | P LIST #1 ITEM INFO. table          | ITEM #1 INFO. | APPROPRIATE AU NUMBER ON AU TABLE IN OBJECT INFORMATION TABLE, etc. |
|                             |                                     | ITEM #2 INFO. | APPROPRIATE AU NUMBER ON AU TABLE IN OBJECT INFORMATION TABLE, etc. |
|                             |                                     | ITEM #3 INFO. | APPROPRIATE AU NUMBER ON AU TABLE IN OBJECT INFORMATION TABLE, etc. |
|                             | OTHER INFORMATION                   |               |   |
| P LIST #2 INFORMATION table | P LIST #2 COMPREHENSIVE INFORMATION |               | THE TOTAL NUMBER OF CONSTITUENT ITEMS=1, OTHER INFORMATION          |
|                             | P LIST #2 ITEM INFO. table          | ITEM #1 INFO. | APPROPRIATE AU NUMBER ON AU TABLE IN OBJECT INFORMATION TABLE, etc. |
|                             | OTHER INFORMATION                   |               |   |
| P LIST #3 INFORMATION table | P LIST #3 COMPREHENSIVE INFORMATION |               | THE TOTAL NUMBER OF CONSTITUENT ITEMS=2, OTHER INFORMATION          |
|                             | P LIST #3 ITEM INFO. table          | ITEM #1 INFO. | APPROPRIATE AU NUMBER ON AU TABLE IN OBJECT INFORMATION TABLE, etc. |
|                             |                                     | ITEM #2 INFO. | APPROPRIATE AU NUMBER ON AU TABLE IN OBJECT INFORMATION TABLE, etc. |
|                             | OTHER INFORMATION                   |               |   |
| P LIST #4 INFORMATION table | P LIST #4 COMPREHENSIVE INFORMATION |               | THE TOTAL NUMBER OF CONSTITUENT ITEMS=1, OTHER INFORMATION          |
|                             | P LIST #4 ITEM INFO. table          | ITEM #1 INFO. | APPROPRIATE AU NUMBER ON AU TABLE IN OBJECT INFORMATION TABLE, etc. |
|                             | OTHER INFORMATION                   |               |   |

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TITLE: INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS AND METHOD, INFORMATION REPRODUCING APPARATUS AND METHOD, INFORMATION RECORDING/REPRODUCING APPARATUS AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

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FIG. 21

OBJECT INFORMATION 131  
 AU Table

| FIELD NAME                   |                   |       |                   | CONTENTS                                |
|------------------------------|-------------------|-------|-------------------|---|
| AU TABLE COMPREHENSIVE INFO. |                   |       |                   | NUMBER OF AUs, POINTER TO EACH AU, etc. |
| AU Table                     | AU #1<br><br>132I | PU #1 | ES_Table Index #1 | INDEX NO. OF ES_map table = 1           |
|                              |                   |       | ES_Table Index #2 | 3                                       |
|                              |                   | PU #2 | ES_Table Index #1 | 4                                       |
|                              |                   |       | ES_Table Index #2 | 5                                       |
|                              | AU #2             | PU #1 | ES_Table Index #1 | 9                                       |
|                              |                   |       | ES_Table Index #2 | 10                                      |
|                              |                   | PU #2 | ES_Table Index #1 | 12                                      |
|                              |                   |       | ES_Table Index #2 | 13                                      |
|                              | AU #3<br><br>302I | PU #1 | ES_Table Index #1 | 14                                      |
|                              |                   |       | ES_Table Index #2 | 15                                      |
|                              |                   |       | ES_Table Index #3 | 16                                      |
|                              |                   |       | ES_Table Index #4 | 17                                      |
|                              |                   |       | ES_Table Index #5 | 18                                      |
| OTHER INFORMATION            |                   |       |                   |   |

ES\_Map Table 134.

| FIELD NAME        |  | CONTENTS                                  |
|-------------------|--|---|
| ES_Map Table      | ES_map table COMPREHENSIVE INFORMATION | INDEX NO., etc.                           |
|                   | Index #1                               | ES_PID VALUE = 101<br>ADDRESS INFORMATION |
|                   | Index #2                               | ES_PID = 102<br>ADDRESS INFORMATION       |
|                   | Index #3                               | ES_PID = 103<br>ADDRESS INFORMATION       |
|                   | Index #4                               | ES_PID = 201<br>ADDRESS INFORMATION       |
|                   | Index #5                               | ES_PID = 202<br>ADDRESS INFORMATION       |
|                   | Index #6                               | ES_PID = 301<br>ADDRESS INFORMATION       |
|                   | Index #7                               | ES_PID = 302<br>ADDRESS INFORMATION       |
|                   | Index #8                               | ES_PID = 303<br>ADDRESS INFORMATION       |
|                   | Index #9                               | ES_PID = 201<br>ADDRESS INFORMATION       |
|                   | Index #10                              | ES_PID = 202<br>ADDRESS INFORMATION       |
|                   | Index #11                              | ES_PID = 203<br>ADDRESS INFORMATION       |
|                   | Index #12                              | ES_PID = 101<br>ADDRESS INFORMATION       |
|                   | Index #13                              | ES_PID = 102<br>ADDRESS INFORMATION       |
|                   | Index #14                              | ES_PID = 101<br>ADDRESS INFORMATION       |
|                   | Index #15                              | ES_PID = 102<br>ADDRESS INFORMATION       |
|                   | Index #16                              | ES_PID = 103<br>ADDRESS INFORMATION       |
|                   | Index #17                              | ES_PID = 104<br>ADDRESS INFORMATION       |
|                   | Index #18                              | ES_PID = 105<br>ADDRESS INFORMATION       |
| OTHER INFORMATION |  |   |